

ABSTRACT OF THE DISCLOSURE

A stator for use in a two rotor single stator type electric motor comprises a stator core including a plurality of stator teeth that are circumferentially arranged around a common axis leaving
5 a plurality of identical spaces each being defined between adjacent two of the stator teeth. Each stator tooth includes a plurality of flat magnetic steel plates that are aligned along the common axis. A plurality of coils are put around the stator teeth respectively. Bolts extend through identical spaces of the stator
10 core for combining the flat magnetic steel plates to have a fixed structure of the stator core. A molded plastic fills the identical spaces of the stator core. A plurality of elongate plate bars extend in the identical spaces through the molded plastic respectively. Each elongate plate bar extends in parallel with the
15 common axis and is constructed of a magnetic material that has an electric resistance higher than the bolts.